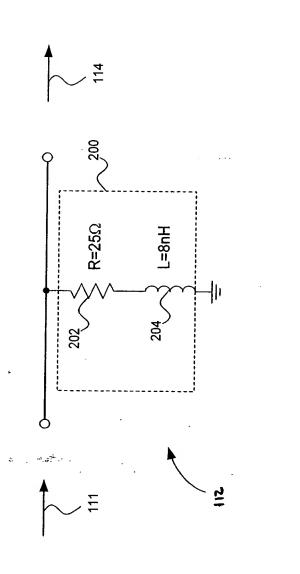


FIG. 1



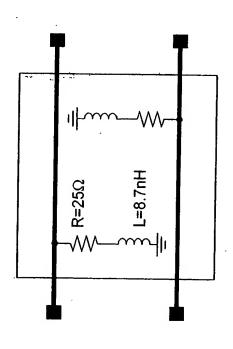




FIG. 3A

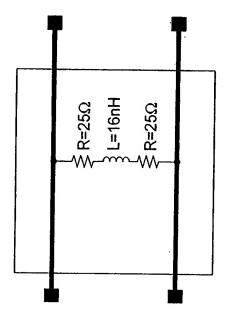
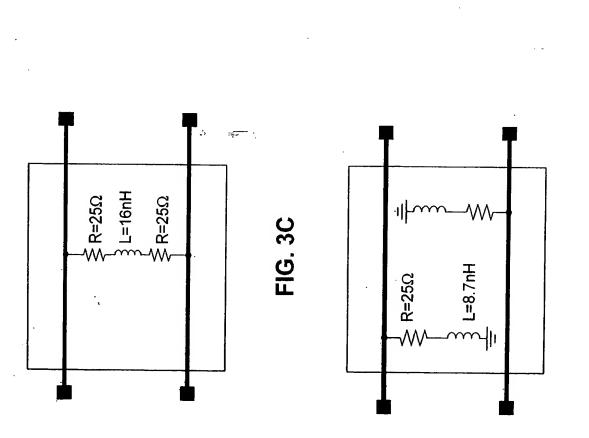


FIG. 3B



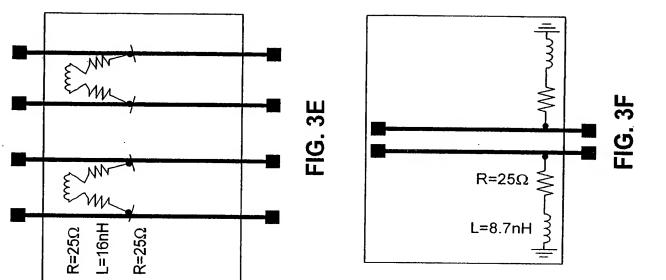
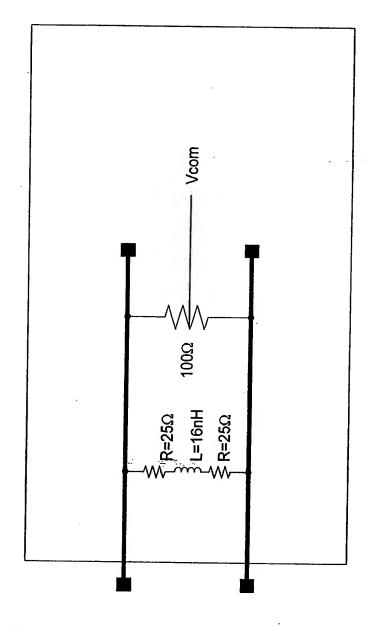
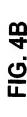


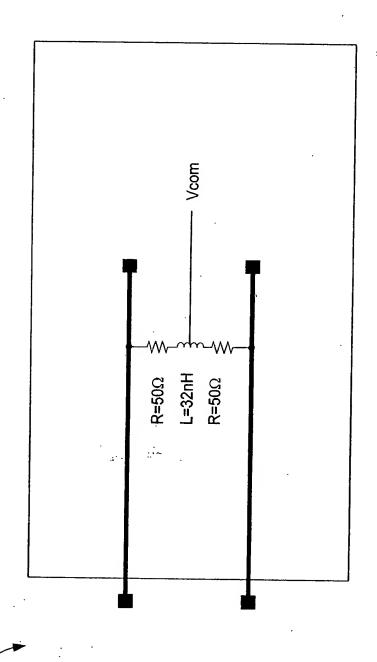
FIG. 3D



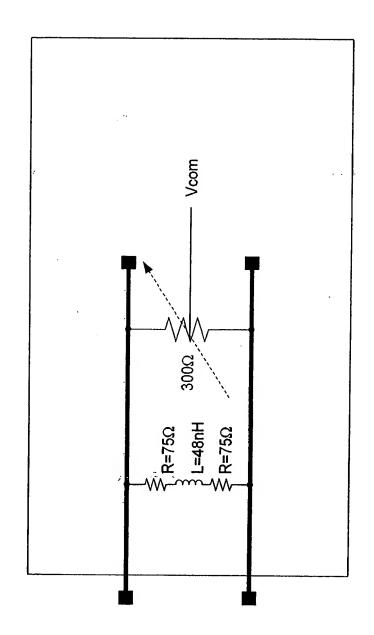


200 ~











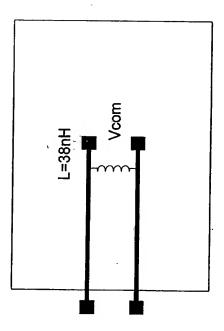
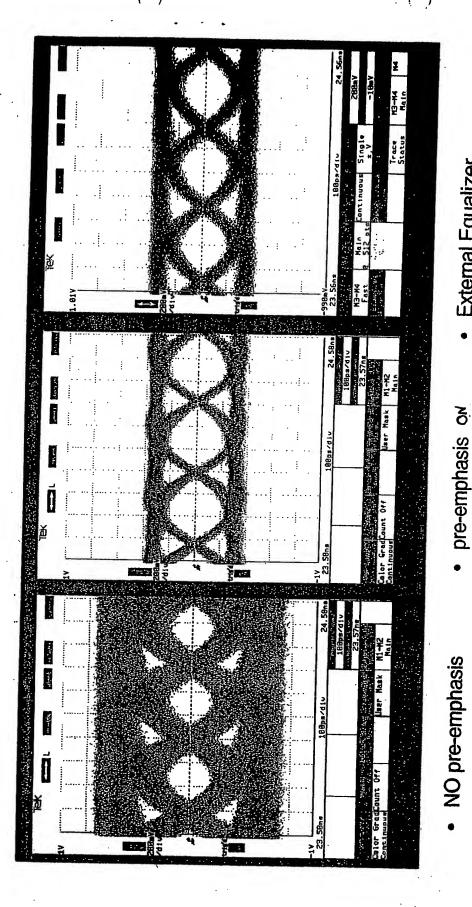


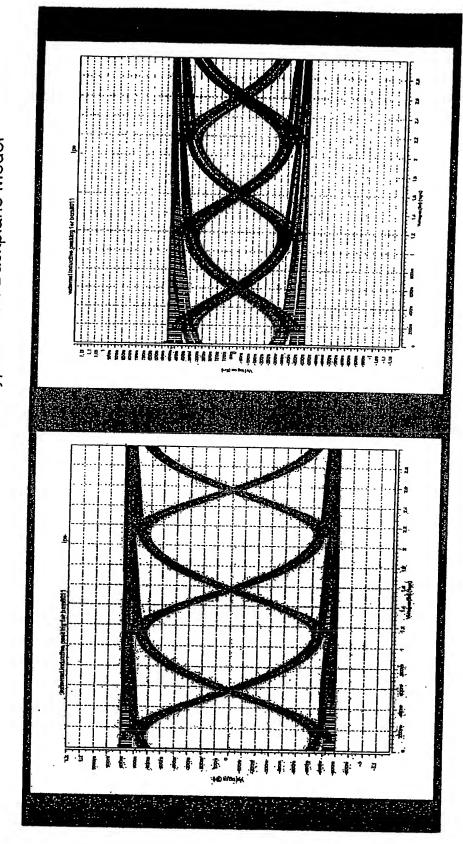
FIG. 5



External Equalizer

pre-emphasis on

Random Eye Diagram @ 3.125 Gb/s "Typical FR-4 Backplane Model"



• $L = 12nH R=30\Omega$

Pre-Emphasis

FIG.7

input signal relative higher frequency of the input signal, thereby removing distortion caused by the transmission line.

